Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

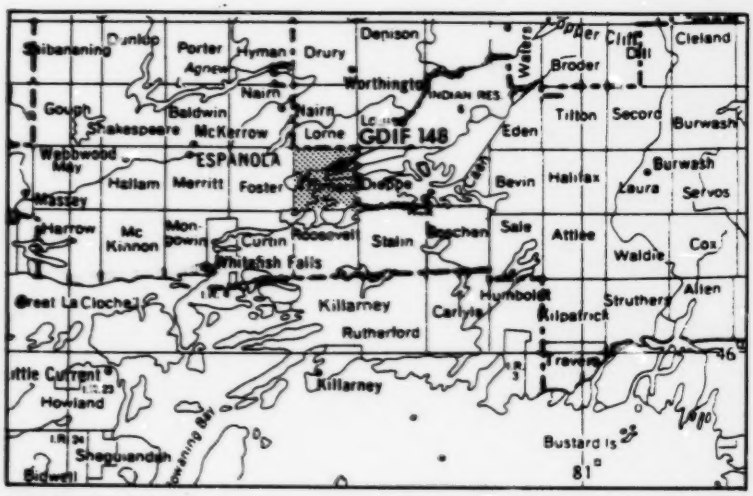
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 148

TRUMAN TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office,
Sudbury



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 41 I/3,4,5,6

Mining Claim Map Number M 1164

This project was funded by the Ontario Ministry of Northern Affairs through the Northern Ontario Geological Survey (NOGS) Program.

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows

Ontario Geological Survey
1984: Truman Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 148, Compiled by the staff of the Resident Geologist's Office, Sudbury, 18p. and 2 maps.

Original Compilation by: Adlington, Richard, Dec.1, 1983

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map – 1 map
Exploration Data Map – 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	R.A.
2	Assessment Files Research Office, Toronto	N.A.	R.A.
3	ODM General Index; 7 volumes	Yes	R.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	R.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	R.A.
6	ODM Industrial Mineral Reports	No	R.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	R.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	R.A.
9	Newspaper Clippings File	No	R.A.
10	GSC Index to Publications	Yes	R.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	R.A.
12	OGS Index Maps	Yes	R.A.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurences File	Yes	R.A.
14	Author - Subject Articles File	Yes	R.A.
15	Miscellaneous Papers: ODM & OGS	Yes	R.A.
16	ODM Geological Circulars: OGS Study Series , Reports	Yes	R.A.
17	ODM Preliminary Reports: ODM Bulletins	No	R.A.
18	ODM – OGS Open File Reports	Yes	R.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	R.A.
20	OGS Aggregate Resources Inventory Papers	No	R.A.
21	OGS Mineral Potential Maps	Yes	R.A.
22	Theses on File, Sudbury	Yes	R.A.
23	Aerial Photographs on File, Sudbury	Yes	R.A.

METALS AND MINERALS REFERENCES LIST

△ anh	Anhydrite	△ fu	Fuchsite	▲ Ni	Nickel	△ st	Stone
△ ank	Ankerite	△ gn	Galena	△ Nb	Niobium	△ talc	Talc
△ anna	Annabergite	△ gt	Garnet	△ Pd	Palladium	△ Te	Tellurium
△ ap	Apatite	△ goe	Goethite	△ peat	Peat	△ td	Tetrahedrite
△ arg	Argentite	▲ Au	Gold	△ pent	Pentlandite	△ th	Thorite
△ As	Arsenic	△ gf	Graphite	△ Pt	Platinum	△ Th	Thorium
△ asp	Arsenopyrite	△ gl	Gravel	▲ py	Pyrite	△ thuc	Thucholite
△ asb	Asbestos	△ gyp	Gypsum	△ pyl	Pyrochlore	△ ti	Titanite
△ ba	Barite	△ hem	Hematite	△ pyrl	Pyrolusite	△ Ti	Titanium
△ be	Beryl	△ il	Ilmenite	▲ po	Pyrrhotite	△ tour	Tourmaline
△ Bi	Bismuth	△ Fe	Iron	▲ q	Quartz	△ trap	Trap rock
△ bn	Bornite	△ IF	Iron Formation	△ qcv	Quartz carbonate vein	△ W	Tungsten
△ bran	Brannerite	△ jas	Jasper	△ ra	Radioactive minerals	△ uran	Uraninite
△ bruc	Brucite	△ kaol	Kaolinite (kaolin)	△ RE	Rare Earths	△ U	Uranium
△ Cd	Cadmium	△ ky	Kyanite	△ sd	Sand	△ verm	Vermiculite
△ calc	Calcite	△ Pb	Lead	△ sgl	Sand and gravel	△ Y	Yttrium
△ carb	Carbonate	△ lim	Limonite	△ ss	Sandstone	△ Zn	Zinc
△ cel	Celestite	△ Li	Lithium	△ scap	Scapolite	△ zr	Zircon
▲ cc	Chalcocite	△ mgst	Magnesite	△ shee	Scheelite		
▲ cp	Chalcopyrite	△ mag	Magnetite	△ serp	Serpentine		
△ ch	Chert	△ mc	Malachite	△ sh	Shale		
△ clay	Clay	△ Mn	Manganese	△ sid	Siderite		
▲ Co	Cobalt	△ mb	Marble	△ si	Silica		
△ cob	Cobaltite	▲ mar	Marcasite	▲ Ag	Silver		
△ cb	Columbite	△ ma	Marl	△ sl	Slate		
▲ Cu	Copper	△ mi	Mica	△ sm	Smaltite		
△ cor	Corundum	△ ml	Millerite	△ sod	Sodalite		
△ dol	Dolomite	△ mo	Molybdenite	△ spec	Specularite		
△ ep	Epidote	△ Mo	Molybdenum	△ sp	Sphalerite		
△ ery	Erythrite	△ mon	Monazite	△ spd	Spodumene		
△ fel	Feldspar	△ ne	Nephelite (nepheline)	△ staur	Staurolite		
△ fl	Fluorite (flurospar)	△ nc	Niccolite	△ stib	Stibnite		

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Fielding, Carmen	quartz	-	-	Truman File 10-E1 O.G.S. Map P.1497
B	Stony Bay Prospect	Cu,Ni	Ni 26 Ni 21	MRC12, p.270	Dieppe Tp. File 12 O.G.S. Map P.1497
C	Penage Lake Occurrence	cp,po,py	-	MRC12, p.282	Truman File 10-D1 O.G.S. P.1497

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done, e.g., 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
1	Fielding, Carman	72		69																
2	Hoyle Mining Co. Ltd. (F. E. Harrington Grubstake, Chellew Mines Ltd., Stony Bay Prospect)	57	57	-57	57	57						57								
3	McClasky, J. A. (Penage Lake Occurrence)				54															
4	Prosco Ltd. (Hoyle Mining Co. Ltd., Stony Bay Prospect)	57						57												

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Hoyle Mining	1	1957	S	45	0	10	-	-
1a		4	1957	S	51	2	81.1	py,po,cp	Cu,Ni,Au
1b		7	1957	N	44	0	60.5	py,cp,po	Cu,Ni,Au,Ag
1c		8	1957	N	45	4	60	py	-
1d		12	1957	N	44	6	60.2	py	-
1e		13	1957	N	43	6	34.9	py,cp,po,mar	Cu,Ni,Co,Au
1f		14	1957	N	40	0	25	py,cp,po	Cu,Ni,Au
2	McClasky, J. A.	2	1954	N50E	45	65	311	py	-
3		3	1954	N50E	85	60	590	py	-
4		1	1954	N50E	45	24	648	py,cp,cc	-

6 TRUMAN TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Sampled below humus. Assay by bi-quinaline method	Cu	Hoyle Mining Co.	Dieppe Tp. File 12

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sudbury

No clippings to date Dec.1, 1983.

TRUMAN TOWNSHIP

GDIF FORM NO. 9

ODM GENERAL INDEX SEARCH

Words searched:

CHELLEW MINES
FIELDING, C.
HERRINGTON GRUB STAKE
HOYLE MINING CO.
McCLASKY, J. A.
PENAGE LAKE
PROSCO LTD.
STONY BAY PROSPECT
TP. 91
TRUMAN TP.

Index Volume	Listing	Report Volume	Part	Page
6	CHELLEW GOLD MINES LTD.			
	Name changed	65	1	38
1	PENAGE LAKE, N. of L. Huron, Sudbury dist.			
	Copper	R.C.		24
	Description	23	1	220
	Rocks on and near	23	1	219-221, 233
	limestone, analysis and notes	13	2	29,30
	dolomite, notes	1		82
	for burning	1		94
	quartzite	1		72
	Silver reported	18	1	49
	Syncline near	1		72

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

TRUMAN TOWNSHIP

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1971	Panache Lake Area, West Part	O.D.M. Map P.668	1"=1 mile
	1978	Sudbury-Manitoulin Area	O.G.S. Map 2360	1"=2 miles
Card, K. D., & Lumbers, S. B.	1974,75	Sudbury-Cobalt	O.G.S. Map 2361	1"=4 miles
Thomson, J. E.	1961,68	Espanola Sheet	O.D.M. Map P.105	1"=2 miles
		GEOPHYSICAL MAPS		
		Aeromagnetic Maps		
O.D.M.-G.S.C.	1965	Lake Panache	1516G	1"=1 mile
	1965	Copper Cliff	1517G	1"=1 mile
	1965	Espanola	1523G	1"=1 mile
	1965	Whitefish Falls	1522G	1"=1 mile
O.D.M.	1952	Truman Township	A64	1"=¼ mile
O.D.M.-G.S.C.	1965	Sudbury, Ontario	7067G	1"=4 miles
O.G.S.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey. Geophysical Series	Map P.160	1:250 000
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map of the Sudbury-Onaping Lake Area	O.G.S. Map P.2482	1:100 000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dep't of Energy, Surveys & Mapping Branch	1975	Topographic Map, Lake Panache		1:50 000
	1975	Topographic Map, Copper Cliff		1:50 000
	1975	Topographic Map, Whitefish Falls		1:50 000
	1975	Topographic Map, Espanola		1:50 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Gartner, J. F.	1978	N.O.E.G.T.S. Data Base Map, Espanola		1:100 000
	1980	N.O.E.G.T.S. Study 99, Espanola Area		
		MINERAL POTENTIAL MAPS		
Springer, J.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet	O.G.S. Map P.1512	1:250 000
		GEOCHEMICAL		
		No Data Available, Dec.1, 1983		
		GEOLOGICAL REPORTS AND MAPS		
Card, K. D.	1975	Geology of the Panache Lake Area, Dist. of Sudbury and Manitoulin	O.F.R.5123	
	1968	Economic Geology of the Espanola-Whitefish Falls Area	O.F.R.5017	
	1971	Panache Lake Area (West Part)	O.D.M. Map P.668	1"=1 mile
	1971	Panache Lake Area (East Part)	O.D.M. Map P.669	1"=1 mile
	1978	Sudbury-Manitoulin Area, Districts of Sudbury and Manitoulin	O.D.M. GR166 O.D.M. Map 2360	1"=2 miles
Debicki, R. L.	1977	Truman Township	O.G.S. Map P.1497	1"=¼ mile
Moore, E. S.	1929	Ore Deposits Near The Shore of Lake Huron	O.D.M. AR38, pt.7	pp.48,49

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
O.G.S. & Mineral Resources Branch	1982	Mineral Potential Map of Ontario Southern Sheet Magnetic Compilation Map Geological Compilation Map 2197	O.F.R.5328	 1"=16 miles 1"=16 miles 1"=16 miles
Royal Commission	1890	Report of the Royal Commission on the Mineral Resources of Ontario		p.24
Shklanka, R.	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	O.D.M. MRC12	pp.270 282
Vos, M. A., Smith, B. A., Stevenato, R. J.	1981	Industrial Minerals of the Sudbury Area	O.F.R.5329	
Yundt, S. E., et al	1983	Industrial Minerals of Ontario	O.G.S. Map P.2591	1:50 000
		JOURNALS ARTICLES, THESES, TECHNICAL REPORTS		
Casshyap, S. M.	1966	Sedimentary Petrology and Stratigraphy of the Huronian Rocks South of Espanola, Ont. Ph.D., Western	Sudbury Theses File No.2	
Cooke, H. R. H.	1951	Sulphide Deposits West of Sudbury. B.Sc. Queen's	MP2	p.15
Eade, K. E.	1950	The Huronian Rocks of Northwestern Ontario. M.Sc., McG.	MP2	p.34
Ginn, R. M.	1960	The Relationship of the Bruce Series to the Granites in the Espanola Area. Ph.D., UT.	MP2	p.20
Long, D. G. F.	1978	Depositional Environments of a thick Proterozoic sandstone; the (Huronian) Mississagi Formation of Ontario, Canada.	Can. J. Earth Sci., Vol.15	pp.190-206

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Lindsay, D. A.	1967	The Sedimentology of the Huronian Gowganda Formation, (With Special Reference to Whitefish Falls Area). Ph.D., Johns Hopkins.	Sudbury Theses File No.16	
Lindsay, D. A.	1969	Glacial Sedimentology of the Precambrian Gowganda Formation, Ontario, Canada	Geol. Soc. Am. Bull., 80	pp.1685-1702
McLennan, S. M., Fryer, B. J. Young, G. M	1979	The geo-chemistry of the carbonate-rich Espanola Formation (Huronian) with emphasis on rare earth elements	Can. J. Earth Sci., vol.16	pp.230-239
Palonen, P. A.	1971	Stratigraphy and Deformational Environment of the Mississagi Fm., Ont. M.Sc. Calgary	Sudbury Theses File No.18	
Quirke, T. T.	1915	Geology of Espanola District, Ontario Ph.D., UC.	MP2	p.38
Schenk, P. E.	1965	Depositional Environment of the Gowganda Formation (Precambrian) at the south end of Lake Timagami, Ontario	J. Sed. Pet., Vol.135	pp.309-318
Thachuk, N. M.	1960	The Origin of the Gowganda Banded Argillite. B.A.Sc., U.T.	MP2	p.44
Wright, J. D.	1935	The Age of Some Granite Batholiths North of Lake Huron and the Genetic Relations of th Arsenical Gold Ores to the Keweenawan Granites. Ph.D., UT.	MP2	p.48
Young, G. M.	1973	Origin of the carbonate-rich Early Proterozoic Espanola Formation, Ontario, Canada	Geol. Soc. Am. Bull., Vol.84	pp.135-160

GDIF FORM NO.4

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Young, G. M.	1981	The Early Proterozoic Gowganda Formation, Ontario Canada	Earth's Pre-Pleistocene Glacial Record. Cambridge U. Press	pp.807-812

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

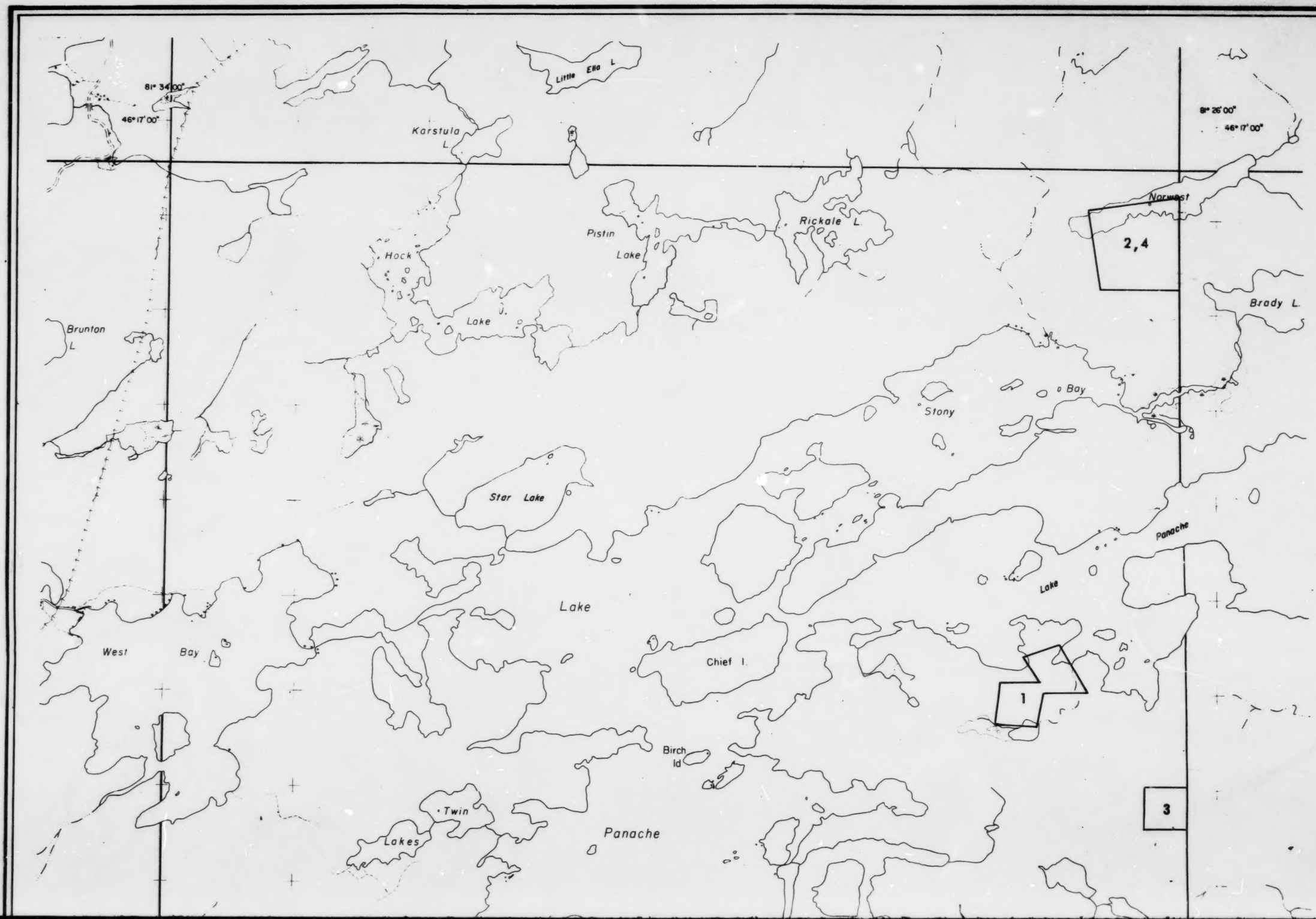
Aerial Photographs Index

Scale 1"=¼ mile

Year	Roll	Line	Number
1959	17	4611	61-67
	53	4610	46-53
	54	4609	98-105
	54	4608	129-135
1946	14	165	2-9
	13	166	25-33
	11	167	4-12
	10	168	26-34
	10	169	24-30

GDIF FORM NO.10

TRUMAN TOWNSHIP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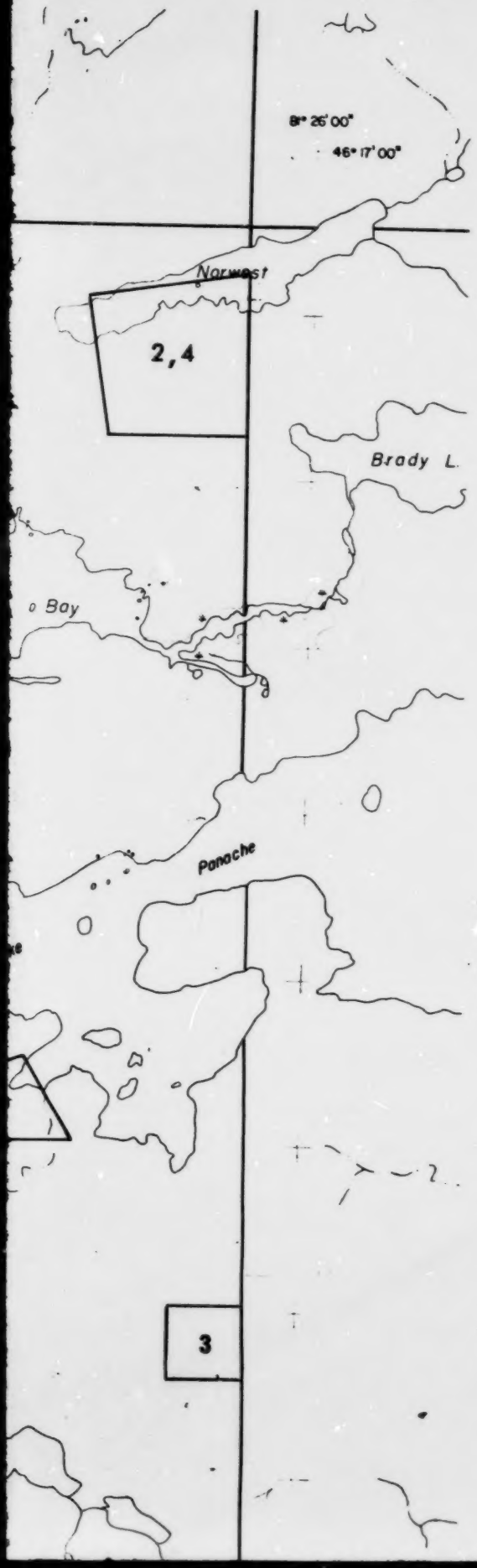
46° 17' 00"
Little Ella L.
Karstula L.
81° 26' 00"
46° 17' 00"
Norwest
2,4
Rickale L.
Pistin Lake
Hock Lake
Brady L.
Brunton L.
Stony
Bay
Star Lake
Panache Lake
Lake
West Bay
Chief I.
1
Birch Id
Twin Lakes
Panache
3



Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

(Map 1 of 2 .)

to accompany GEOLOGICAL DATA

INVENTORY FOLIO 148

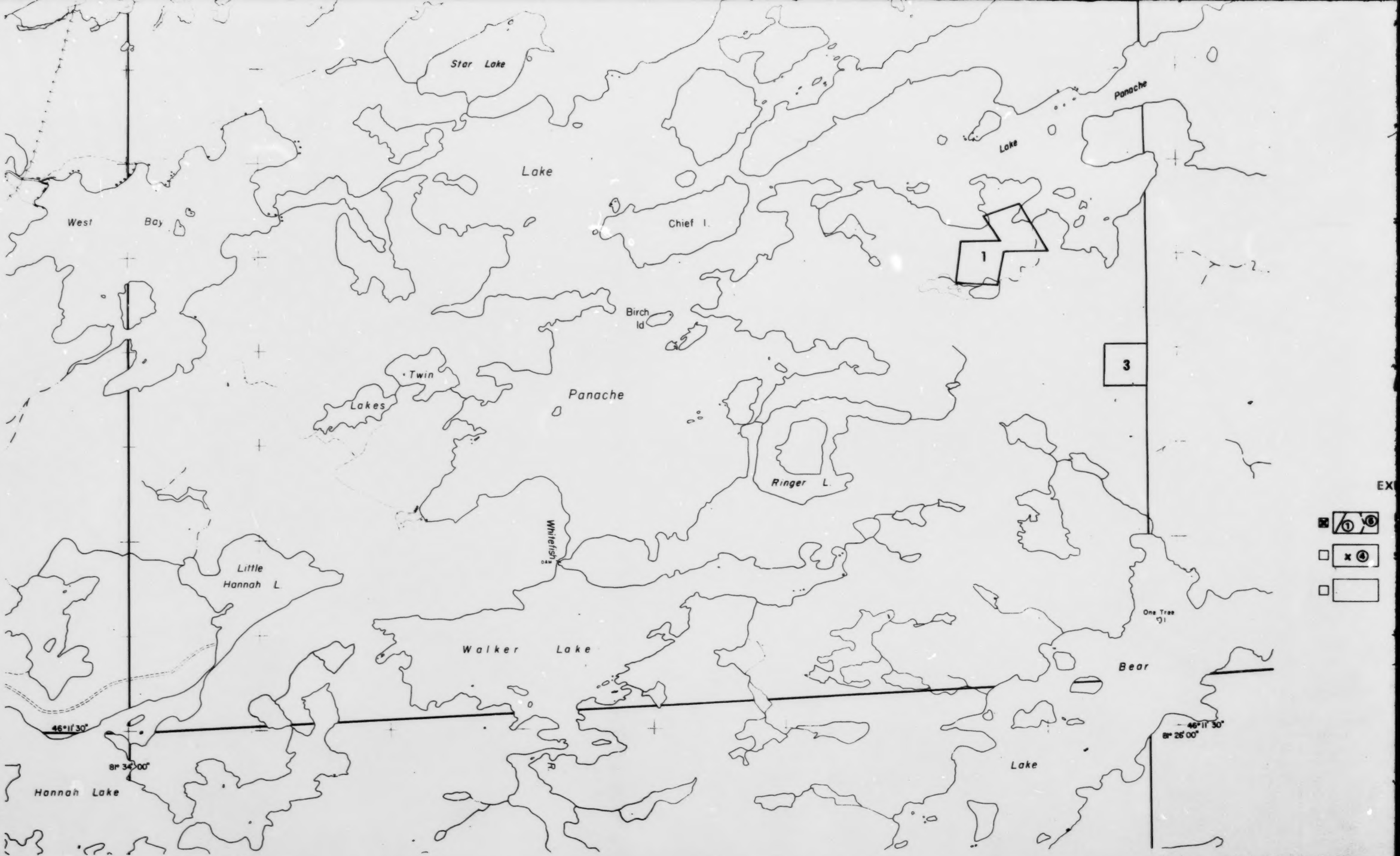
TRUMAN TOWNSHIP

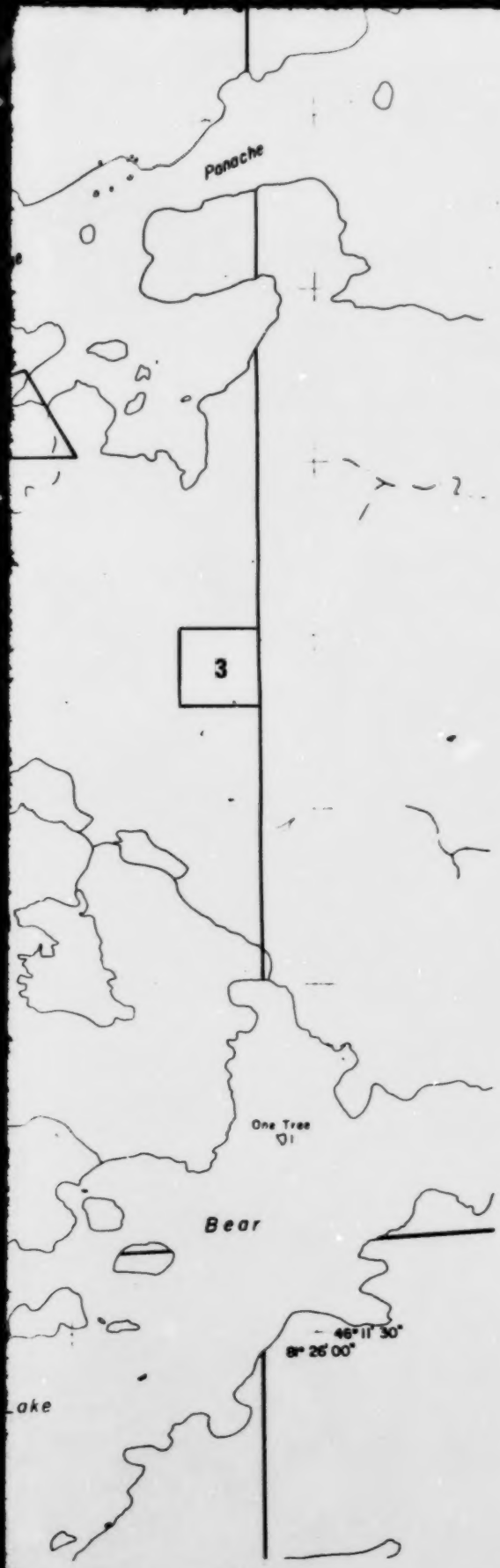
DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre


Star Lake
Lake
Panache
Lake
West
Bay
Chief I.
1
Birch
Id
3
Twin
Lakes
Panache
Ringer L.
EX
Whitefish
Little
Hannah L
Walker Lake
One Tree
Bear
46°11' 30"
81° 34' 00"
Hannah Lake
R.
Lake
46°11' 30"
81° 26' 00"



EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined.
See listing in text pages

Small area of exploration data.

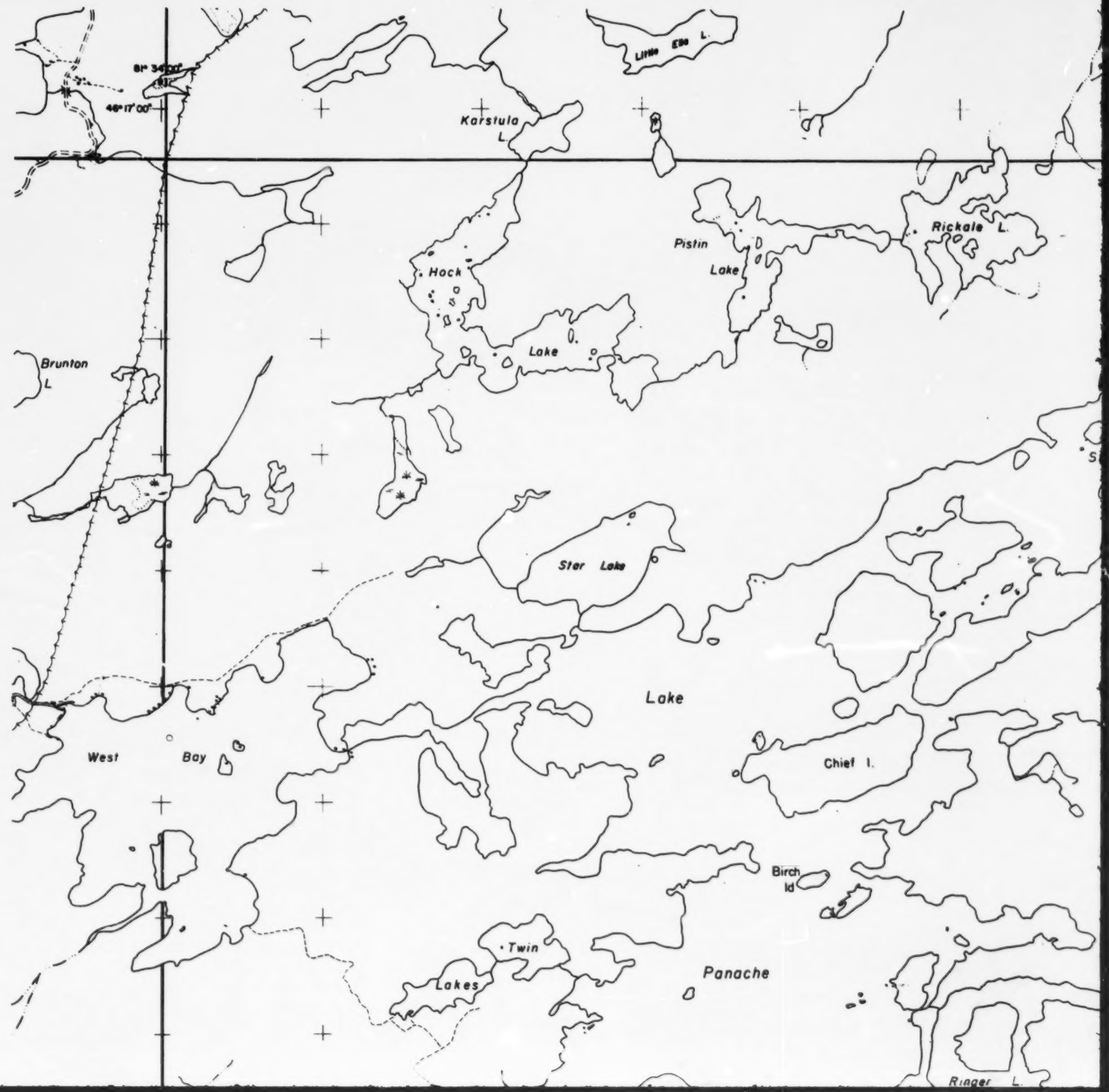
TYPES OF DATA SHOWN ON THIS MAP

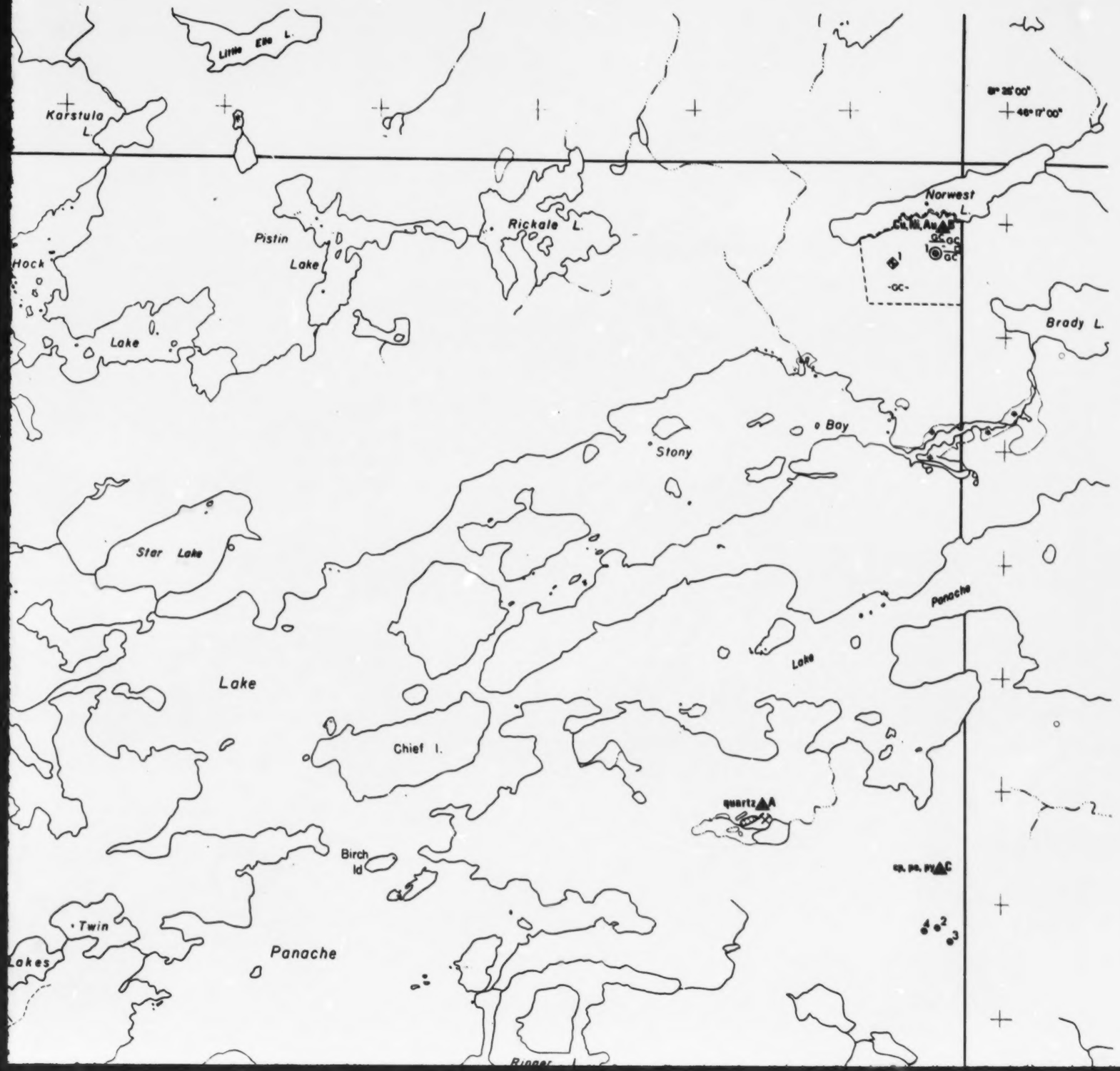
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number
- GC — Geochemical Anomaly

GEOPHYSICAL ANOMALIES

- AM — Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly. Location of anomaly along flight line.
- Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- ARA — Airborne Radiometric Anomaly
- M — Ground Magnetometer Anomaly
- VL — Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)
- RA — Ground Radiometric Anomaly
- IP — Induced Polarization Anomaly
- SP — Self Potential Anomaly
- AFMAG — Audio-frequency magnetometer anomaly (total intensity)
- R — Resistivity Anomaly
- GR — Gravity Anomaly





Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
Map to Accompany GEOLOGICAL DATA INVENTORY FOLIO 148

TRUMAN TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

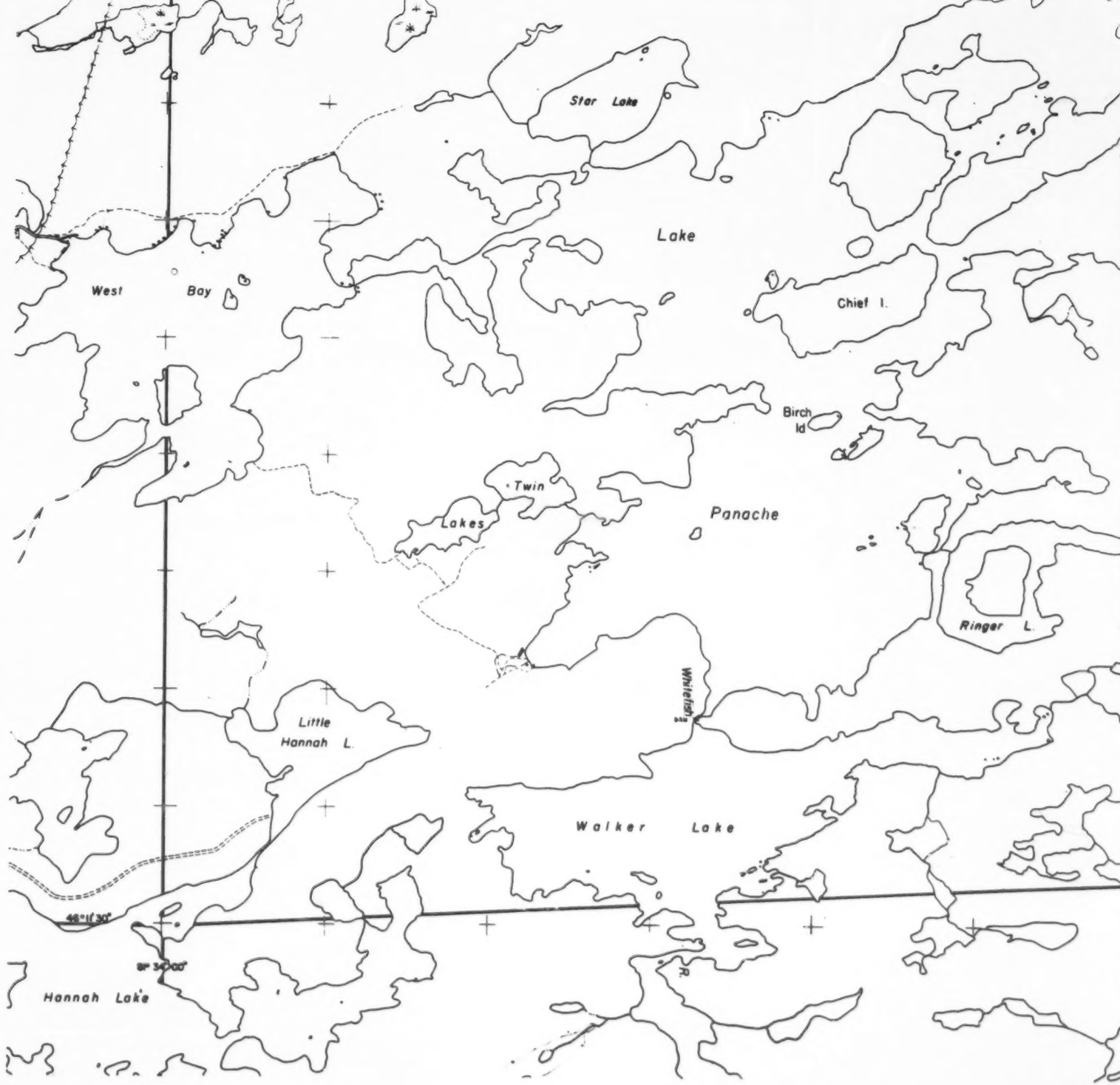
GEOPHYSICAL ANOMALIES

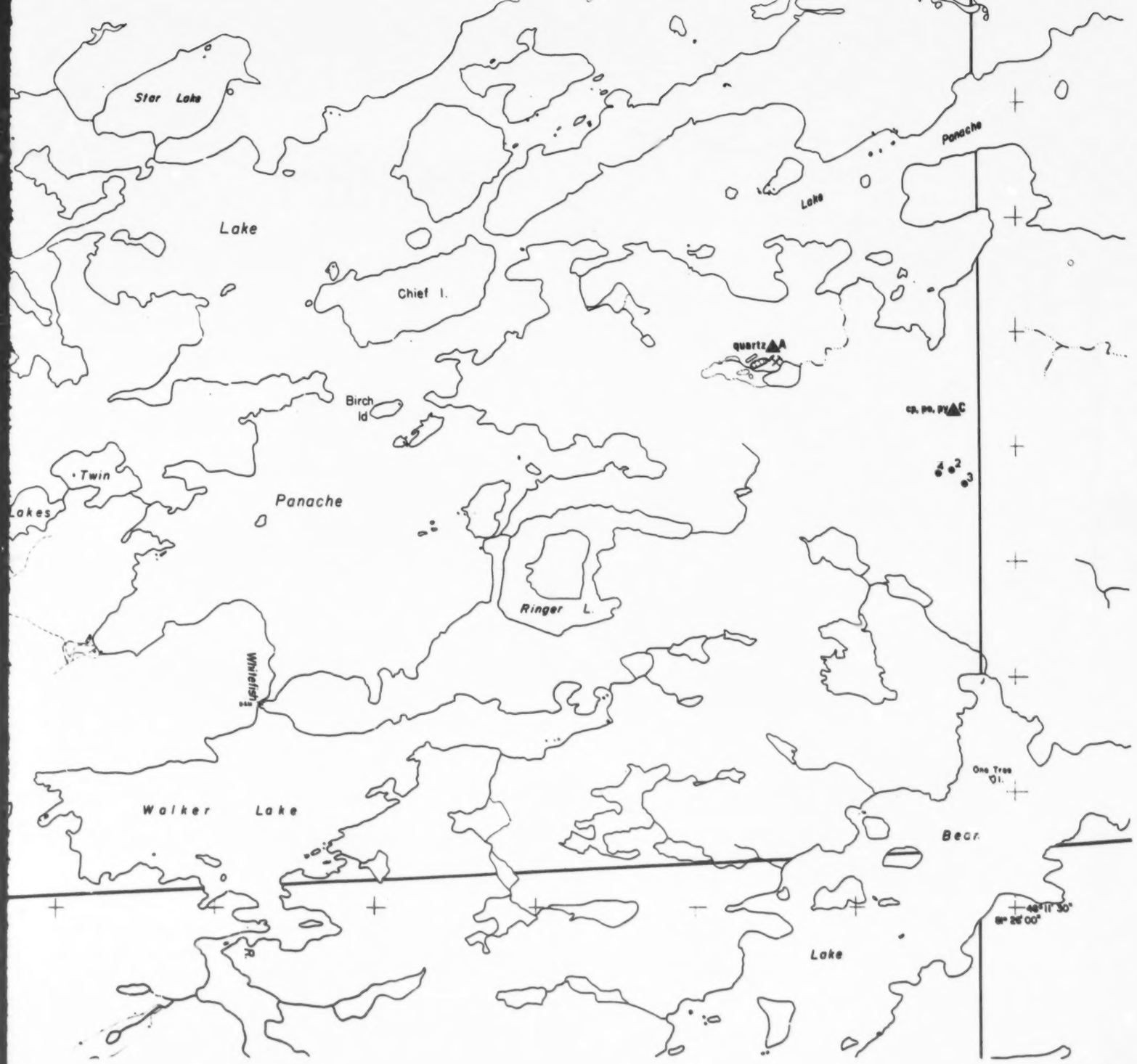
- AM — Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly. Location of anomaly along flight line.
- Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- ARA — Airborne Radiometric Anomaly
- M — Ground Magnetometer Anomaly
- VL — Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM - 16)
- RA — Ground Radiometric Anomaly
- IP — Induced Polarization Anomaly
- SP — Self Potential Anomaly
- Audio-frequency magnetometer anomaly (total intensity)
- R — Resistivity Anomaly
- GR — Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.





GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
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- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number